

4.2.J. 0604000110 (Cub Creek).

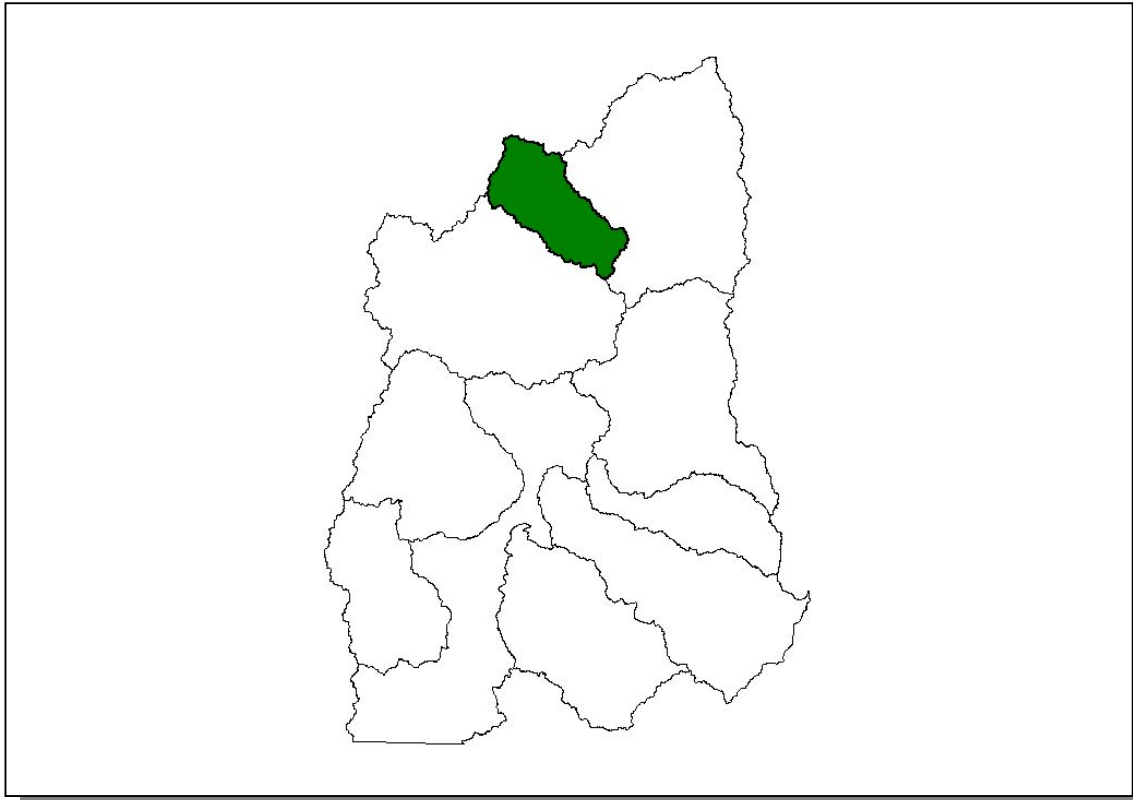


Figure 4-102. Location of Subwatershed 0604000110. All Tennessee Western Valley (Beech River) HUC-10 subwatershed boundaries in Tennessee are shown for reference.

4.2.J.i. General Description.

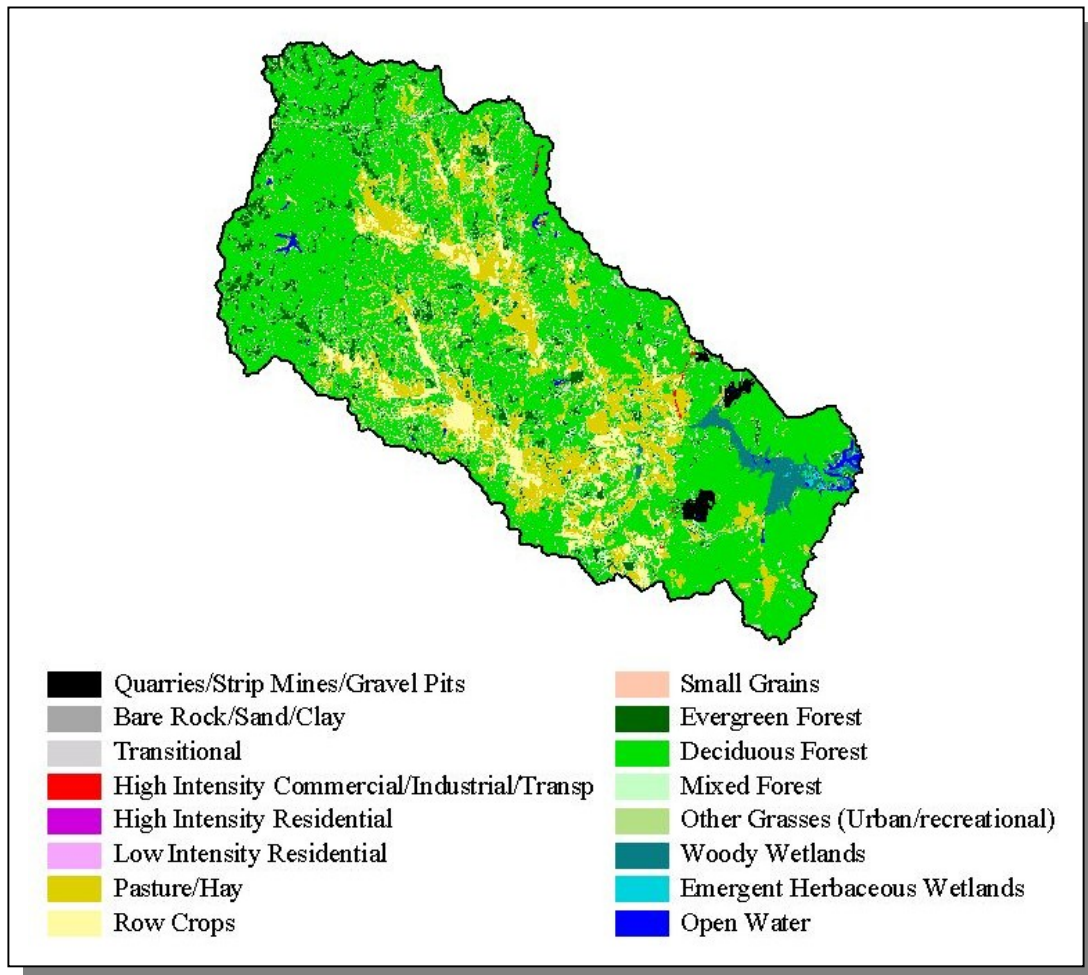


Figure 4-103. Illustration of Land Use Distribution in Subwatershed 0604000110.

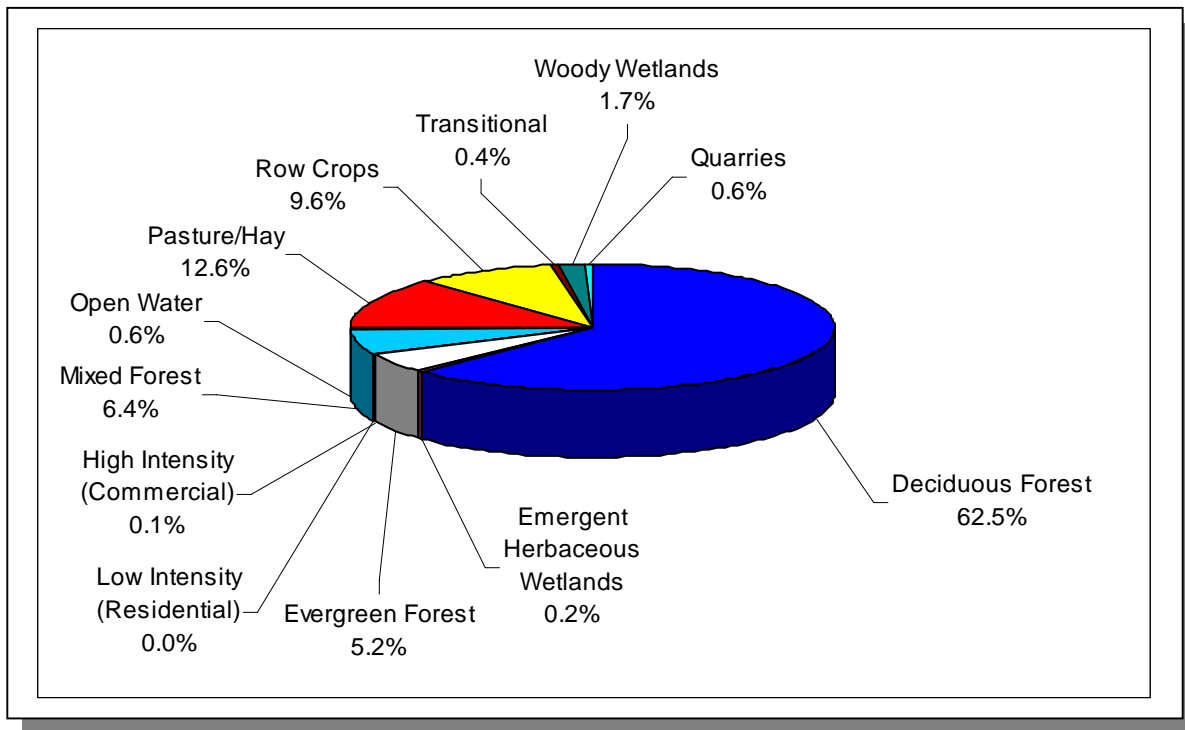


Figure 4-104. Land Use Distribution in Subwatershed 0604000110. More information is provided in Appendix IV.

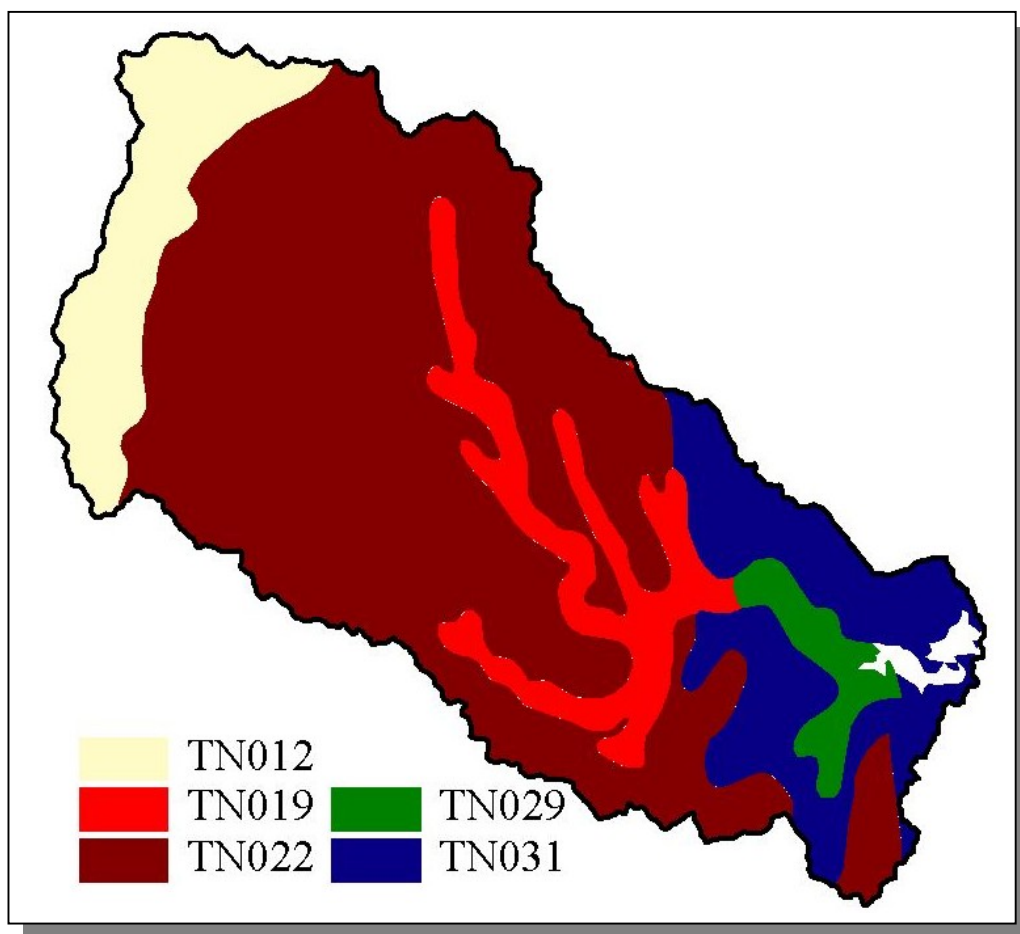


Figure 4-105. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0604000110.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hr)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN012	1.00	C	2.52	5.13	Silty Loam	0.39
TN019	62.00	C	1.54	4.76	Loam	0.26
TN022	5.00	C	1.98	5.07	Loam	0.37
TN029	8.00	C	2.96	5.40	Loam	0.33
TN031	0.00	C	3.27	4.88	Loam	0.33

Table 4-61. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0604000110. More information is provided in Appendix IV.

County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-1997)
	1990	1997	2000		1990	1997	2000	
Carroll	27,514	28,990	29,475	0.62	172	181	184	7.0
Decatur	10,472	10,799	11,731	13.78	1,443	1,488	1,617	12.1
Henderson	21,844	24,000	25,522	6.62	1,447	1,590	1,690	16.8
Totals	59,830	63,789	66,728		3,062	3,259	3,491	14.0

Table 4-62. Population Estimates in Subwatershed 0604000110.

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Parsons	Decatur	2,033	928	698	226	4

Table 4-63. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0604000110

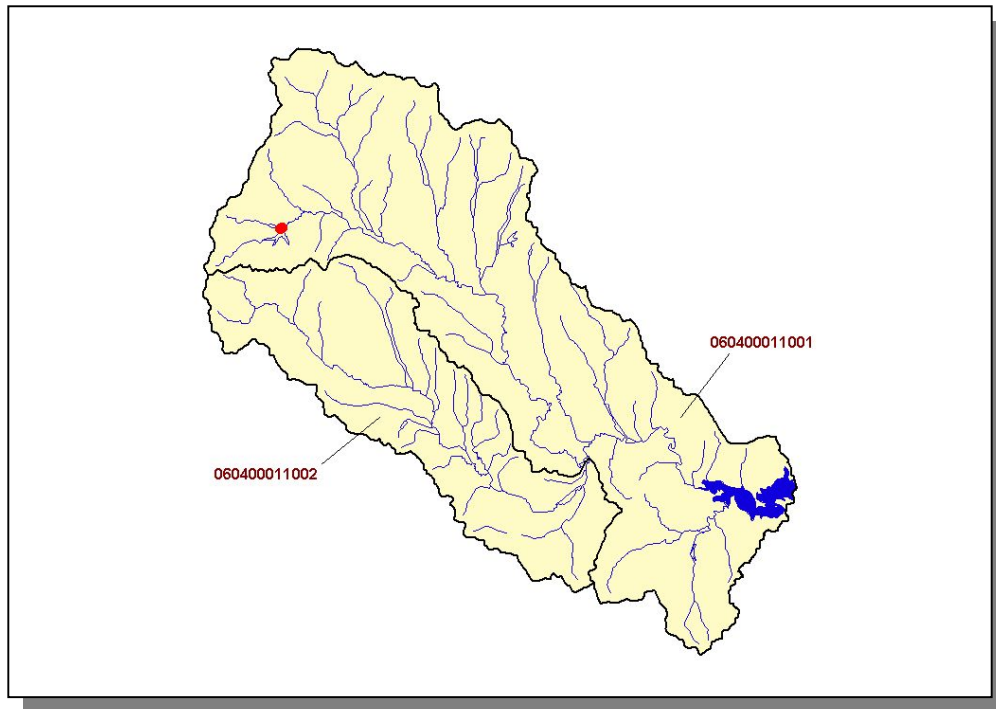


Figure 4-106. Location of STORET Monitoring Sites in Subwatershed 0604000110. Subwatershed 060400011001 and 060400011002 boundaries are shown for reference. More information, including site names and locations, is provided in Appendix IV.

4.2.J.ii. Point Source Contributions.

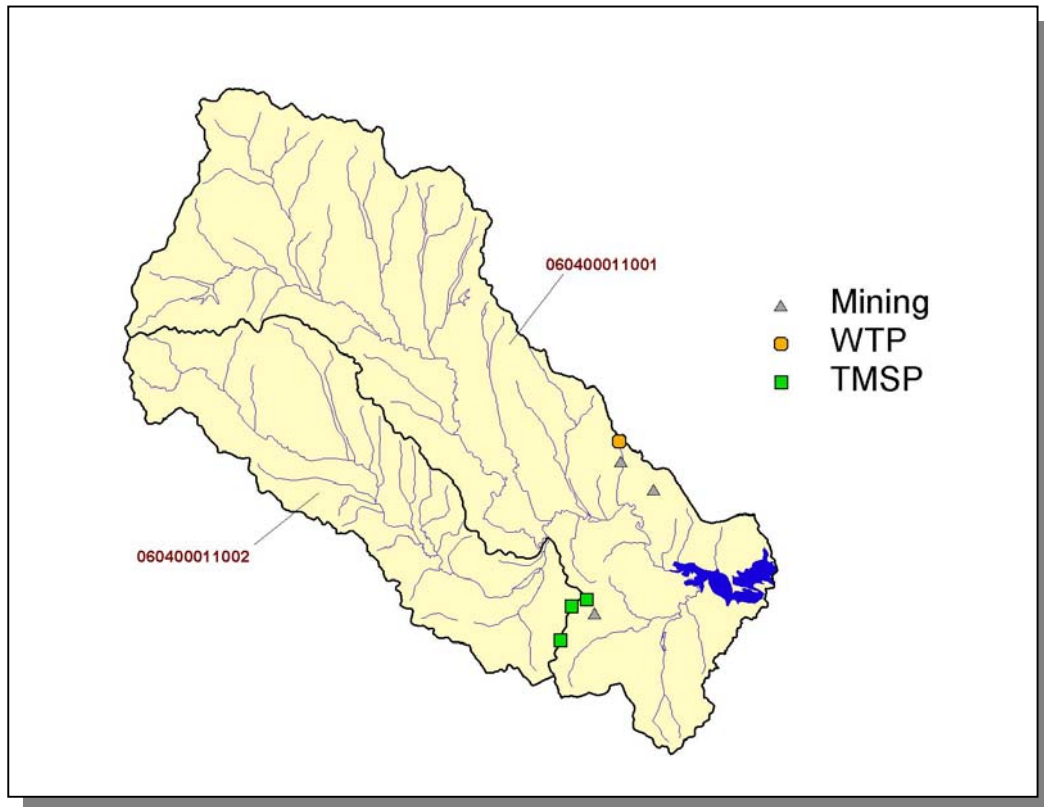


Figure 4-107. Location of Active Point Source Facilities in Subwatershed 0604000110. Subwatershed 060400011001 and 060400011002 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

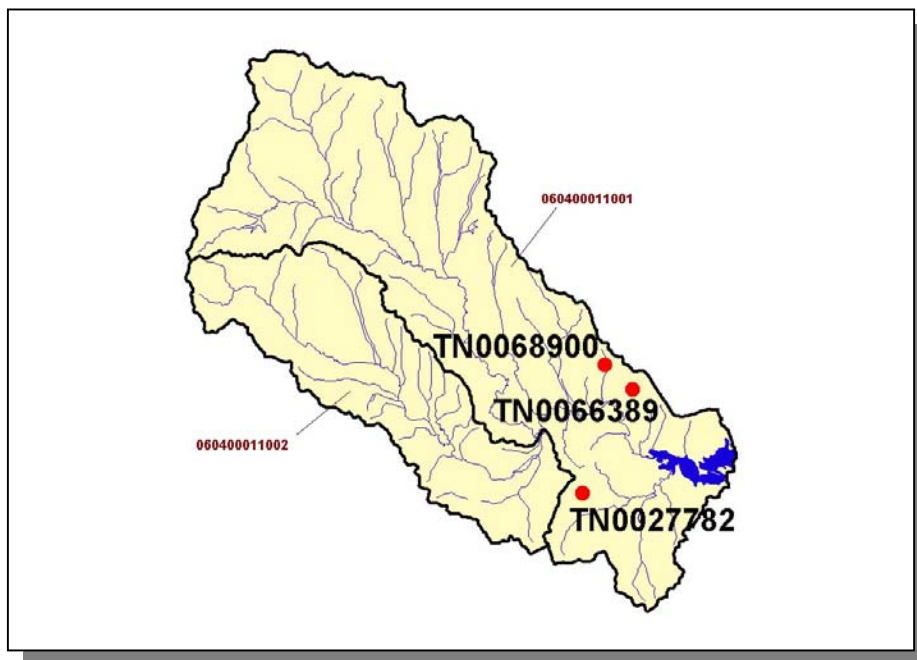


Figure 4-108. Location of Active Mining Facilities in Subwatershed 0604000110. Subwatershed 060400011001 and 060400011002 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.



Figure 4-109. Location of Water Treatment Plants in Subwatershed 0604000110. Subwatershed 060400011001 and 060400011002 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.



Figure 4-110. Location of TMSP Facilities in Subwatershed 0604000110. Subwatershed 060400011001 and 060400011002 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

4.2.J.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Chickens Sold	Hogs	Sheep
1,642	3,230	<5	<5	<5	953	24

Table 4-64. Summary of Livestock Count Estimates in Subwatershed 0604000110.
According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Carroll	169.1	169.1	0.6	2.0
Henderson	158.5	158.5	3.6	12.8
Totals	327.6	327.6	4.2	14.8

Table 4-65. Forest Acreage and Average Removal Rates (1987-1994) in Subwatershed 0604000110.

CROPS	TONS/ACRE/YEAR
Legumes (Pastureland)	0.41
Grass (Pastureland)	0.81
Grass (Hayland)	0.08
Legumes (Hayland)	0.42
Legumes, Grass (Hayland)	0.46
Grass, Forbs, Legumes (Mixed Pasture)	1.06
Forest Land (Not Grazed)	0.00
Forest Land (Grazed)	0.00
Corn (Row Crops)	4.62
Cotton (Row Crops)	5.49
Sorghum (Row Crops)	1.71
Soybeans (Row Crops)	6.49
Wheat (Close-Grown Cropland)	4.10
Other Cropland not Planted	5.75
Conservation Reserve Program Lands	0.37
Non-Agricultural Land Use	0.00
Other Land in Farms	0.44
Farmsteads and Ranch Headquarters	0.38

Table 4-66. Annual Estimated Total Soil Loss in Subwatershed 0604000110.